



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

NOV 17 2017

David Priebe, State Registration Specialist  
Pesticides Program, Oregon Department of Agriculture  
635 Capitol St., NE  
Salem, OR 97301

**Subject:** FIFRA 24(c) Registration - SLN Acknowledgment Letter  
**SLN Registration Number:** OR170012  
**EPA Decision Number:** 533679  
**SLN Expiration Date:** December 31, 2022  
**Parent EPA Reg. No.:** 1381-196  
**Product Name:** Tundra EC  
**Active Ingredient:** Bifenthrin

Dear Mr. Priebe:

This letter acknowledges receipt of the notification of the above-noted Special Local Need (SLN) registration pursuant to section 24(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. The SLN permits use of Tundra EC (containing bifenthrin) in clover grown for seed in Oregon for control of aphids and mites. A similar SLN was registered in Oregon (OR070013) for another product containing bifenthrin, and you indicate that supplies of that product are inadequate, and hence the need for this SLN registration. All other conditions, including use pattern and rate, remain identical to that SLN.

The Agency has completed a review of the use and acknowledges the State's special local need registration. Please inform the registrant that we have placed a copy of the SLN label in our file. If you have any questions, please contact Andrea Conrath by phone at (703)308.9356, or via email at [conrath.andrea@epa.gov](mailto:conrath.andrea@epa.gov).

Sincerely,

Tawanda Maignan  
Emergency Response Team Leader  
Minor Use and Emergency Response Branch  
Registration Division (7505P)  
Office of Pesticide Programs

cc: *Chad Schultz, USEPA Region 10*  
*Derrick Terada, USEPA Region 10 Tribal Coordinator*

## RESTRICTED USE PESTICIDE

Toxic to fish and aquatic organisms.

For retail sale to and use only by certified applicators, or persons under their direct supervision and only for the uses covered by the certified applicator's certification.

**Brigade<sup>®</sup> 2EC**  
Insecticide/Miticide

FIFRA 24(c)  
**SPECIAL LOCAL NEED LABEL**  
FOR USE ON CLOVER  
GROWN FOR SEED

EPA SLN No. OR-070013 *previous SLN*  
EPA Reg. No. 279-3313

**FOR DISTRIBUTION AND USE  
ONLY IN OREGON**

This label valid until December 31, 2017 or until otherwise amended, withdrawn, canceled, or suspended.

This label and the federal label for this product must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions and precautions on this Supplemental label and the main EPA-registered label. It is a violation of federal law to use this product in a manner inconsistent with its labeling.

### Active Ingredient: By Wt.

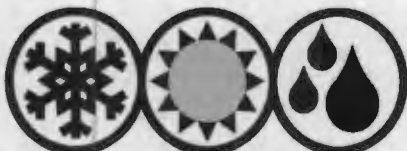
Bifenthrin: (2 methyl[1,1'-biphenyl]-3-yl)  
methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-  
2,2-dimethyl-cyclopropanecarboxylate\* .....**25.1%**

Other  
Ingredients:\*\* .....**74.9%**  
100.0%

\*\*Cis isomers 97% minimum, trans isomers 3% maximum.

\*\*Contains xylene range aromatic solvents.

This product contains 2 pounds active ingredient per gallon.



**ALL-WEATHER FORMULA**

**KEEP OUT OF REACH OF CHILDREN  
WARNING  
AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**FMC**

FMC Corporation  
Agriculture Products Group  
1735 Market Street  
Philadelphia, PA 19103

### Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not make applications when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

The use of bifenthrin is prohibited in areas that may result in exposure of endangered species to bifenthrin. Prior to use in a particular county contact the local extension service for procedures and precautions to use to protect endangered species.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, Chemical-resistant gloves, such as Barrier Laminate or Nitrile Rubber or Neoprene Rubber or Viton, shoes plus socks.

*Inadequate Supply in 2017-18*

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

## APPLICATION INSTRUCTIONS

**General:** Apply Brigade 2EC at the rate of 3.9 to 6.4 ounces (0.06 to 0.1 lb. active) per acre. Apply in a minimum of 5 gallons of water per acre by air or in a minimum of 20 gallons of water by ground.

**Crop/Site:** Clover grown for seed.

**Target Pest:** Aphids, Lygus Bugs, Spider Mites and Weevil

**Application timing:** Make aerial or ground applications when the wind velocity favors on target product disposition (approximately 3 to 10 MPH). Do not apply when wind velocity exceeds 15 MPH.

**Rate:** Use 3.9 to 6.4 ounces (0.06 to 0.1 lb. active) per acre.

### Restrictions:

Do not apply more than 6.4 ounces (0.1 lb. active) per acre per treatment. Do not make more than 3 applications in a crop year. Maintain a minimum of 21 days between Brigade 2EC treatments.

Do not apply Brigade 2EC or allow it to drift to blooming crops or weeds while bees are actively visiting the treated area.

Low humidity and high temperatures increases the evaporation rate of spray droplets and, therefore, the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature. Do not make aerial or ground applications during temperature inversions.

Do not make aerial or ground applications to clover grown for seed if heavy rainfall is imminent.

Do not apply by ground equipment within 25 feet, or by air within 150 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, drainage ditches, and commercial fish farm pond. Increase the buffer zone to 450 feet when ultra low volume (ULV) application is made.

Do not apply through chemigation.

## SPECIAL CLOVER USE RESTRICTIONS

The pesticide applicator, the producer of clover seed, and the seed conditioner must be aware that use of this product according to this labeling is deemed a non-feed/non-food use by the Oregon Department of Agriculture, and is regulated by Oregon Administrative Rule (OAR) 603-057-0535, Pesticide Use on Crops Grown For Seed.

If the applicator of this pesticide is not the producer, the applicator must provide a copy of this labeling to the producer of the crop. Producers of this crop who use this product, or cause the product to be used on a field they operate, must provide a copy of this pesticide label to the seed conditioner.

This pesticide does not have an established pesticide residue tolerance for this crop. Consequently, no portion of this seed crop may be used or distributed for food or feed for 1 year (365 days) after the last application of this product. This restriction pertains to, but is not limited to, green chop, forage, hay, pellets, meal, whole seed, cracked seed, straw, roots, bulbs, foliage or seed screenings, and to the grazing of the crop field, stubble or regrowth. All seed screenings shall be disposed of in such a manner that the screenings cannot be distributed or used for food or feed purposes, as indicated in OAR 603-057-0535. Additional regulations concerning seed screenings are stated in OAR 603-057-0535.

Any seed from a field treated with this pesticide product shall bear specific and conspicuous container labeling, or if shipped in bulk, on the shipment invoice or bill of lading. The labeling shall contain the following statement:

*"This seed was produced using one or more products for which the United States Environmental Protection Agency has not established pesticide residue tolerances. This seed, in whole, as sprouts, or in any form, may not be used for human consumption or animal feed. Failure to comply with this condition may violate requirements of the Federal Food and Drug Administration, the Oregon Department of Agriculture and other regulatory agencies."*

## Dealers Should Sell in Original Packages Only.

### Conditions of Sale and Limitation of Warranty and Liability:

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. EXCEPT AS WARRANTED BY THIS LABEL, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and buyer assumes the risk of any such use.

To the extent consistent with applicable law FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

**This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.**

**FMC**, Brigade — trademark of FMC Corporation  
© 2007 FMC Corporation - All rights reserved.

Rev: 09-26-2012

**Receipt for Special Local Need**

S: 1005439 Milestone E:  

Regulatory Type: Special Local Need - Section 24c

Application Type: New Registration

Company: 1381 WINFIELD SOLUTIONS, LLC

Risk Manager: Registration Division, Risk Management Team 9

SLN Number: OR170012 Product Name: TUNDRA EC

Parent Section3: 1381-196 TUNDRA EC

Nature Of Need: C

New Use: ☐ Yes ☒ No

Feed Use: ☒ Yes ☐ No

Application Date: 20-Jun-2017  OPP Rec'd Date: 27-Jun-2017

Front End Date: 27-Jun-2017  Risk Manager Send Date: 27-Jun-2017

FFS Due Date: 28-Sept-2017 Negotiated Due Date: 28-Sept-2017

Fast Track: ☐ New Ingredient: ☐

Receipt Description:

SLN-Tundra EC, to allow use of the winfield solutions, for control of aphids, lygus bugs spider mites, and weevils in clover grown for seed in Oregon.

D# 533679

Form A: ☐ Signature Date:   Form B: ☐ Signature Date:  

Receipt Content Des

|||

New Ingredient Request Date  

New Ingredient Received Date  

Signature Date

Non food feed restrictions

Prohibits use on  
blossoming crops or drift  
to weeds when blooming

Previous SLN identical  
use, different product

(OR 170013), supplies are inadequate  
& thus this SLN

Andrea  
Although nonfood concerned about  
the additional use & ✓  
pollinator statements



United States Environmental Protection Agency  
Office of Pesticide Programs, Registration Division (7505C)  
Washington, DC 20460

**Application for/Notification of State Registration  
of a Pesticide To Meet a Special Local Need**  
(Pursuant to section 24(c) of the Federal Insecticide,  
Fungicide, and Rodenticide Act, as Amended)

For State Use Only  
Registration No. Assigned  
**OR-170012**  
Date Registration Issued  
**June 20, 2017**

<b>1. Name and Address of Applicant for Registration</b> Winfield Solutions, LLC PO Box 64589 St. Paul, MN 55164		<b>2. Product is (Check one)</b> <input checked="" type="checkbox"/> <b>EPA-Registered</b> <input type="checkbox"/> <b>New (not EPA-registered)</b> <small>Attach EPA Form 8570-A, Confidential Statement of Formula for new products.</small>		<b>EPA Registration Number</b> 1381-196
		<b>3. Active Ingredient(s) in Product</b> Bifenthrin		<b>EPA Company Number</b> 1381
<b>4. Product Name</b> Tundra EC		<b>5. If this is a food/feed use, a tolerance or other residue clearance is required. Cite appropriate regulations in 40 CFR Part 180, 185, and/or 186.</b> N/A		
<b>6. Type of Registration (Give details in Item 13 or on a separate page, properly identified and attached to this form):</b> <input type="checkbox"/> a. To permit use of a new product. <input type="checkbox"/> b. To amend EPA registrations for one or more of the following purposes: <input checked="" type="checkbox"/> (1) To permit use on additional crops or animals. <input type="checkbox"/> (2) To permit use at additional sites. <input type="checkbox"/> (3) To permit use against additional pests. <input type="checkbox"/> (4) To permit use of additional application techniques or equipment. <input type="checkbox"/> (5) To permit use at different application rates. <input type="checkbox"/> (6) Other (specify below):		<b>7. Nature of Special Local Need (check one)</b> <input type="checkbox"/> There is no pesticide product registered by EPA for such use. <input type="checkbox"/> There is no EPA-registered pesticide product which, under the conditions of use within the State, would be as safe and/or as efficacious for such use within the terms and conditions of EPA registration. <input checked="" type="checkbox"/> An appropriate EPA-registered pesticide product is not available.		
<b>10. Has FIFRA section 24(c) registration for this use of the product ever, by another State, been (check appropriate box(es), if known):</b> <input type="checkbox"/> Sought <input checked="" type="checkbox"/> Issued <input type="checkbox"/> Denied <input type="checkbox"/> Revoked If any of the above are checked, list States in Item 13 below. <input type="checkbox"/> No FIFRA section 24(c) Action		<b>8. If this registration is an amendment to an EPA-registered product, is it for a "new use" as defined in 40 CFR 152.3?</b> <input type="checkbox"/> Yes (discuss in Item 13 below) <input checked="" type="checkbox"/> No <b>9. Has an EPA Registration or Experimental Use Permit for this chemical ever been (check applicable box(es), if known):</b> <input type="checkbox"/> Sought <input checked="" type="checkbox"/> Issued <input type="checkbox"/> Denied <input type="checkbox"/> Cancelled <input type="checkbox"/> Suspended <input type="checkbox"/> Registration <input type="checkbox"/> Experimental Use Permit <input type="checkbox"/> No Previous Permit Action		
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		<b>11. Endangered Species Act: (Give details in Item 13 or on a separate page, properly identified and attached to this form)</b> Identify the counties where this pesticide will be used. If Statewide, indicate "all." Provide a list of Federally protected endangered/threatened species which occur in the areas of proposed use.		
<b>Signature of Applicant or Authorized Representative</b> 		<b>12. Indicate use status of Special Local Need, i.e., planned dates of use:</b> From: 06/15/2017 To: 12/31/2022		
<b>Title</b> Registration Supervisor		<b>13. Comments (attach additional sheet, if needed)</b> This SLN is being sought for use on Clover grown for seed in OR. There is a bifenthrin SLN already available in OR for FMS's Brigade 2EC; however, there is a supply shortage and many of our customers require another bifenthrin product for effective control of pests on clover.		
<b>Telephone Number</b> 651-375-5747		<b>Date</b> 6/15/17		
<b>Determination by State Agency</b> This registration is for a Special Local Need and is being issued in accordance with section 24(c) of FIFRA, as amended. To the best of our knowledge, the information above is correct, except as noted in "Comments" below or in attachments.				
<b>Name, Title, and Address of State Agency Official</b> David L. Priebe State Registration Specialist Oregon Department of Agriculture 635 Capitol St. NE Salem, OR 97301		<b>Comments (by State Agency Only)</b> Nonfood/Nonfeed use - Seed crop uses regulated under Oregon Administrative Rule OAR 603-057-0535		<b>Received by EPA</b>
<b>Signature</b> 				
<b>Telephone Number</b> (503) 986-4656		<b>Date</b> 06/20/2017		





# Oregon

Kate Brown, Governor

Department of Agriculture

635 Capitol St NE  
Salem, OR 97301-2532



June 20, 2017

Document Processing Desk (SLN)  
Office of Pesticide Programs – 7504P  
U.S. Environmental Protection Agency  
1200 Pennsylvania Ave. NW  
Washington, DC 20460-0001

**RE: New Special Local Need Registration**

Winfield Solutions, LLC/Tundra® EC Agricultural Insecticide (a.i. bifenthrin)  
EPA Reg. No. 1381-196, EPA SLN No. OR-170012  
Site: Clover grown for seed

The Oregon Department of Agriculture (ODA) is pleased to enclose SLN No. OR-170012, a Special Local Need registration under FIFRA Section 24(c), to allow use of the Winfield Solutions LLC product Tundra® EC Agricultural Insecticide, EPA Reg. No. 1381-196, for control of aphids, lygus bugs, spider mites, and weevils in clover grown for seed in Oregon.

SLN No. OR-170012 is similar to Oregon SLN No. OR-070013 (FMC/Brigade 2EC/EPA Reg. No. 279-3313). Oregon clover seed growers have been using Brigade/bifenthrin for many years as a vital component of their insect control programs, especially for control of aphids and spider mites. ODA has granted OR-170012 in response to grower and local dealer reports that supplies of Brigade may be inadequate (uncertain, at best) to meet their needs this year.

Product use rates/timing, restrictions, and other language on the enclosed label for OR-170012 are identical to the label for OR-070013, except that this OR-170012 label now bears specific Buffer Zone language that EPA required for these bifenthrin agricultural product labels beginning in 2008, after ODA had registered the Brigade 2EC SLN. There are also minor formatting differences.

Clover grown for seed is regulated as a nonfood/nonfeed crop under Oregon Administrative Rule (OAR) 603-057-0535, Pesticide Use On Crops Grown For Seed. The "Special Crop Use Restrictions" stated on the label for EPA SLN No. OR-170012 are reflective of the rule.

The seed rule: [http://arcweb.sos.state.or.us/pages/rules/oars\\_600/oar\\_603/603\\_057.html](http://arcweb.sos.state.or.us/pages/rules/oars_600/oar_603/603_057.html)

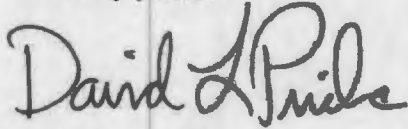
Outreach information regarding the seed rule:

<http://www.oregon.gov/ODA/shared/Documents/Publications/PesticidesPARC/SeedOutreachPesticides.pdf>

If you have any questions about this SLN, please do not hesitate to contact me. Thank you.

SLN OR-170012  
June 20, 2017  
page two

Sincerely yours,



David L. Priebe  
State Registration Specialist  
Pesticides Program  
Oregon Department of Agriculture  
635 Capitol St. NE  
Salem, OR 97301  
Phone: (503)986-4656  
Fax: (503)986-4735  
Email: [dpriebe@oda.state.or.us](mailto:dpriebe@oda.state.or.us)

enclosures: EPA Form 8570-25  
EPA SLN No. OR-170012 label

cc: Roxanne Rydeen, Winfield Solutions  
Bryan Ostlund, Oregon Clover Commission  
Dennis Roth, Valley Agronomics  
Joe DeFrancesco/Greg O'Neill, OSU-NWREC/IR-4  
Erik Jphansen, Washington State Department of Agriculture  
Ben Miller, Idaho State Department of Agriculture  
Rose Kachadoorian, Pesticide Regulatory Leader, ODA  
Catherine Daniels, PICOL

# RESTRICTED USE PESTICIDE

Toxic to fish and aquatic organisms

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification.

## FIFRA SECTION 24(c) SPECIAL LOCAL NEED

FOR DISTRIBUTION AND USE ONLY IN OREGON

# Tundra® EC

Agricultural Insecticide

FOR USE ON CLOVER GROWN FOR SEED

EPA SLN NO. OR-170012

EPA REG. NO. 1381-196

This label valid until December 31, 2022 or until otherwise amended, withdrawn, cancelled, or suspended.

ACTIVE INGREDIENT:	By Wt.
Bifenthrin* (2 methyl[1,1'-biphenyl]-3-yl) Methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate .....	25.1%
INERT INGREDIENTS** .....	74.9%
TOTAL .....	100.0%

\*CIS Isomers 97% minimum, trans isomers 3% maximum.

\*\*Contains xylene range aromatic solvents

KEEP OUT OF REACH OF CHILDREN

## WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not make applications when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

✓ This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

The use of bifenthrin is prohibited in areas that may result in exposure of endangered species to bifenthrin. Prior to use in a particular county contact the local extension service for procedures and precautions to use to protect endangered species.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

This Special Local Need label and the federal label for this product must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions and precautions on this SLN label and the main EPA-registered label.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements, specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### APPLICATION INSTRUCTIONS

**General:** Apply Tundra EC at the rate of 3.9 to 6.4 fluid ounces (0.06 to 0.1 lb. active) per acre. Apply in a minimum of 5 gallons of water per acre by air or in a minimum of 20 gallons of water by ground.

**Crop/Site:** Clover grown for seed

**Target Pest:** Aphids, Lygus Bugs, Spider Mites and Weevil

**Application timing:** Make aerial or ground applications when the wind velocity favors on-target product disposition (approximately 3 to 10 MPH). Do not apply when wind velocity exceeds 15 MPH.

**Rate:** Use 3.9 to 6.4 fluid ounces (0.06 to 0.1lb. active) per acre



**Restrictions:**

- Do not enter or allow worker entry into treated areas during restricted entry interval (REI) of 12 hours.
- Do not apply more than 6.4 fluid ounces (0.1 lb. active) per acre per treatment. Do not make more than 3 applications in a crop year.
- Maintain a minimum of 21 days between Tundra EC treatments.
- Do not apply Tundra EC or allow it to drift to blooming crops or weeds while bees are actively visiting the treated area.
- Low humidity and high temperatures increases the evaporation rate of spray droplets and, therefore, the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature. Do not make aerial or ground applications during temperature inversions.
- Do not make aerial or ground applications to clover grown for seed if heavy rainfall is imminent.
- Do not apply through chemigation.

**BUFFER ZONES**

Construct and maintain a minimum 10-foot-wide vegetative filter strip of grass or other permanent vegetation between the field edge and down gradient aquatic habitat (such as, but not limited to, lakes; reservoirs; rivers; permanent streams; marshes or natural ponds; estuaries; and commercial fish farm ponds).

Only apply products containing Bifenthrin onto fields where a maintained vegetative buffer strip of at least 10 feet exists between the field and down gradient aquatic habitat.

For guidance, refer to the following publication for information on constructing and maintaining effective buffers:

*Conservation Buffers to Reduce Pesticide Losses. Natural Resources Conservation Services. USDA NRCS. 200 Fort Worth, Texas. 21pp.*

[www.in.nrcs.usda.gov/technical/agronomy/newconbuf.pdf](http://www.in.nrcs.usda.gov/technical/agronomy/newconbuf.pdf)

**Buffer Zone for Ground Application (groundboom, overhead chemigation, or airblast)**

Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries, and commercial fish ponds).

**Buffer Zone for ULV Aerial Application**

Do not apply within 450 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries, and commercial fish ponds).

**Buffer Zone for Non-ULV Aerial Application**

Do not apply within 150 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries, and commercial fish ponds).

**SPECIAL CLOVER USE RESTRICTIONS**

The pesticide applicator, the producer of clover seed, and the seed conditioner must be aware that use of this product according to this labeling is deemed a non-feed/non-food use by the Oregon Department of Agriculture, and is regulated by Oregon Administrative Rule (OAR) 603-057-0535, Pesticide Use on Crops Grown for Seed

If the applicator of this pesticide is not the producer, the applicator must provide a copy of this labeling to the producer of the crop. Producers of this crop who use this product, or cause the product to be used on a field they operate, must provide a copy of this pesticide label to the seed conditioner.

This pesticide does not have an established pesticide residue tolerance for this crop. Consequently, no portion of this seed crop may be used or distributed for food or feed for 1 year (365 days) after the last application of this product. This restriction pertains to, but is not limited to, green chop, forage, hay, pellets, meal, whole seed, cracked seed, straw, roots, bulbs, foliage or seed screenings, and to the grazing of the crop field, stubble or regrowth. All seed screenings shall be disposed of in such a manner that the screenings cannot be distributed or used for food or feed purposes, as indicated in OAR 603-057-0535. Additional regulations concerning seed screenings are stated in OAR 603-057-0535.

Any seed from a field treated with this pesticide product shall bear specific and conspicuous container labeling, or if shipped in bulk, on the shipment invoice or bill of lading. The labeling shall contain the following statement:

*"This seed was produced using one or more products for which the United States Environmental Protection Agency has not established pesticide residue tolerances. This seed, in whole, as sprouts, or in any form, may not be used for human consumption or animal feed. Failure to comply with this condition may violate requirements of the Federal Food and Drug Administration, the Oregon Department of Agriculture and other regulatory agencies."*

Tundra is a registered trademark of Winfield Solutions, LLC

24(c) Registrant:  
WINFIELD SOLUTIONS, LLC  
PO BOX 64589  
ST. PAUL, MN 55164

OR SLN 1/0609/7